



- Complement regional and country efforts to develop and commercialize genetically modified (GM) crops in:
 - West Africa
 - East Africa
 - Asia:
 - India
 - Bangladesh
 - Indonesia
 - Philippines



Funded for five years by:

- USAID
- USAID Missions
- Matching Funds

- \$15 Million
- \$15 Million+
- \$ 4 Million+

ABSP II/Consortium Members

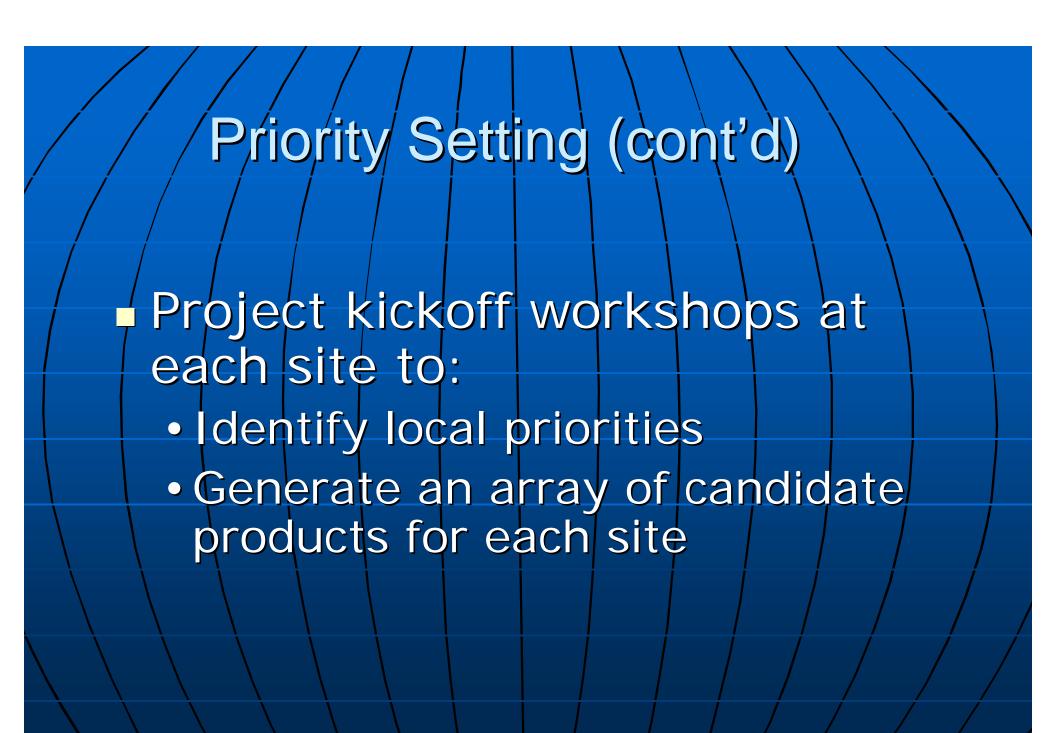
- Led by Cornell University with >46 collaborating institutions
- U.S. Universities 8
 - American University of Beirut
 - Ohio State University
 - Pennsylvania State University
 - Tuskegee University
 - University of California, Berkeley
 - University of California, Davis
 - University of Minnesota
 - Virginia Tech



- Private Sector Entities 9
- CGIAR Centers & Other
 International Institutions 6
- NGOs & Foundations 6
- National & Regional Partners -17



- Designed to complement conventional and organic agricultural approaches
- Specific to each GM crop/geographical site
- Highly participatory
- Will determine which GM/crops will bring the most benefits to each region



Priority Setting (cont.)

- Will include consideration of:
 - Technical factors
 - Advantages or otherwise of GM crop versus conventional crop improvement approaches
 - Rate and extent of adoption
 - Market factors
 - Health implications
 - Environmental factors

Product Commercialization Packages

- An integrated, holistic set of activities (product commercialization package) will be built around each GM crop at each site and include:
 - Technology development
 - Policy Activities:
 - Intellectual Property & Technology Transfer
 - (Biosafety)
 - Outreach & communications
 - Commercialization

Technology Development

- Twenty four concept proposals on technology development already received from consortium members
 - Proposals illustrate broad and deep collective research experience on a wide range of GM crops and molecular technologies
- Cornell's ABSP II consortium has the capacity to address all likely regional priorities

Intellectual Property

Objectives:

- Determine when intellectual property issues are and are not a barrier
- Foster comprehensive policies and strategies leading to long term partnerships to overcome barriers
- Resolve IP issues as they relate to any particular product commercialization package

Intellectual Property (cont'd)

- Activities:
 - Create enabling environments for intellectual property processes to:
 - Ensure local functionality
 - Ensure international compatibility
 - Assist in negotiations
 - Provide technical support to foster public/private partnerships

Commercialization Activities

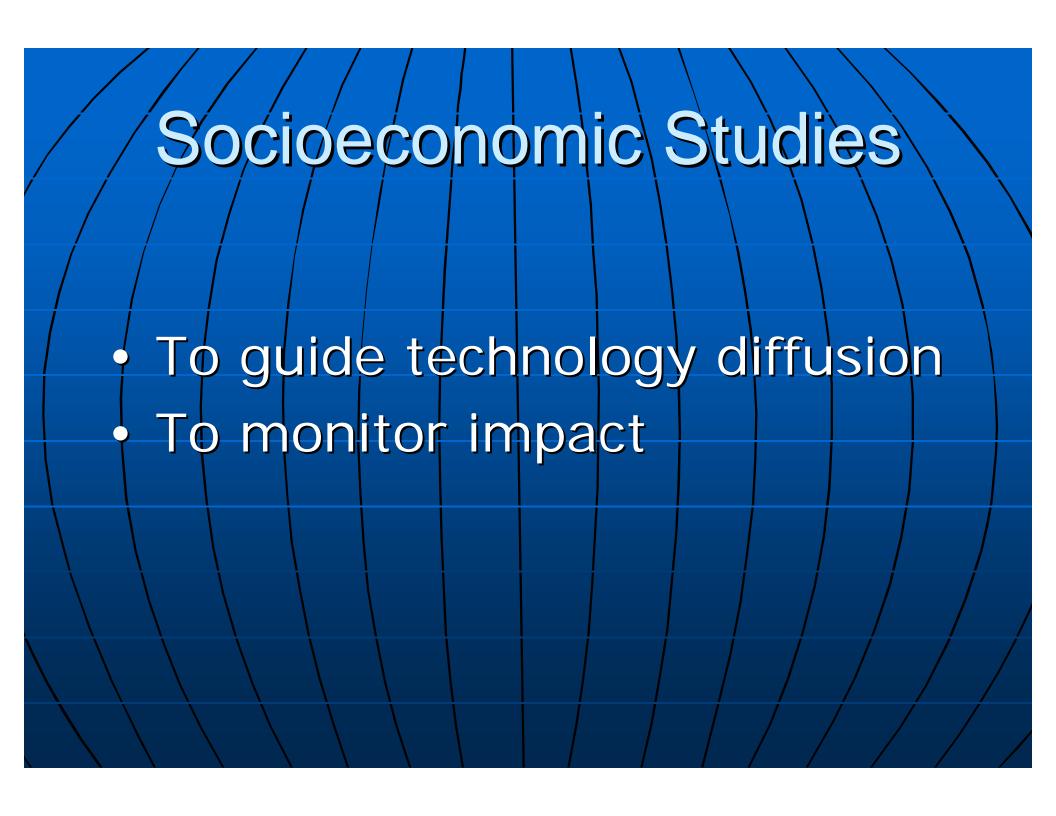
- Identify the right product through the priority setting process
- Freedom to operate review
- Licensing
- Biosafety assessment
- Training of key individuals in the marketing chain

Communications Strategy

- Develop a public awareness strategy
 - Emphasize public relations
 - Network with opinion makers
 - Provide science-based information at the relevant level of sophistication
- Build core communications modules
 - Shared components for all sites
 - Modified to meet local needs



- ABSP II web portal:
 - Build on the successes of
 - Cornell's Genome Initiative web portal
 - ISAAA's Crop Biotech Net
 - Tuskegee's AgBioWorld
 - Virginia Tech's Information Systems for Biotechnology



Anticipated Outcomes of ABSP II

- Increased agricultural productivity due to new / GM crops grown in farmers fields
- Improved resource availability, R&D, and leadership capacities for African regional and national institutions collaborating with ABSP II
- Enhanced connection to global biotech resource
- Institutionalization of FTO and IP audit processes in local partner institutions and private companies

Anticipated Outcomes (cont.)

- An enabling environment for local IP licensing and for evaluation of GM crops by cognizant authorities
- Private/public sector partnerships for product commercialization
- Increased understanding by scientists of markets, regulatory environments, IP issues and other commercialization components

Management Structure of ABSP II

- Project Management Unit based at Cornell / University
- Technical Advisory Group (10 members) to assess progress of each product commercialization package and approve annual work plans
- Coordinators, one based in East Africa and the other in West Africa, to facilitate dayto-day operations and local coordination
- Steering Committee (12 members) will provide guidance on overall ABSP II management

